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$$\frac{[\exp(eFR/kT) - 1] \exp[-(eFR + \lambda)^2/4\lambda kT]}{[\exp(eFR/kT) + 1] \exp[-(eFR + \lambda)^2/4\lambda kT]}$$

$$\langle \cos \theta \rangle = \frac{\exp(eFR/kT) - 1}{\exp(eFR/kT) + 1} \quad (D3)$$

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$$\langle \cos \theta \rangle = \tanh(eFR/2kT) \quad (D4)$$

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